

Atty. Docket No. 166.0001
Appl. No. 09/957,459

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

A1
1. (previously presented) In a computing device, a method for archiving files comprising:

detecting an instruction from a resident program to perform an operation on an operating file; and

capturing the operating file temporally proximate to the operation being performed on the operating file, responsive to the detection of the instruction.

2. (previously presented) The method of claim 1 wherein capturing the operating file includes creating an archive file and storing the archive file in a storage location.

3. (previously presented) The method of claim 2 wherein the archive file includes a copy of the operating file.

4. (previously presented) The method of claim 2 wherein the archive file includes portions of the operating file.

5. (previously presented) The method of claim 4 wherein the archive file includes pointers directed to one or more storage locations, wherein each of the one or more second storage locations contains at least a portion of the operating file.

6. (previously presented) The method of claim 2 wherein capturing the file includes saving the archive file prior to the operation being performed on the operating file.

Atty. Docket No. 166.0001
Appl. No. 09/957,459

PATENT

7. (currently amended) The method of claim [[6]] 2 wherein capturing the file includes saving the archive file subsequent to detecting the instruction to perform the operation.

8. (previously presented) The method of claim 2 wherein capturing the file includes saving the archive file subsequent to the operation being performed on the operating file.

9. (previously presented) The method of claim 2 wherein said storage location includes a buffer.

10. (currently amended) The method of claim 2 wherein the [[first]] storage location includes a storage device.

11. (previously presented) The method of claim 10 wherein the storage device includes at least one of a group comprising a magnetic storage medium, an optical storage medium, and a solid-state storage device.

12. (previously presented) The method of claim 10 wherein the storage location includes a directory disposed on said storage device.

13. (previously presented) The method of claim 1 further comprising determining whether the operating file is intended to be captured prior to said capturing step.

14. (previously presented) The method of claim 1 further comprising determining whether the operating file has previously been captured prior to capturing the file.

15. (previously presented) The method of claim 1 wherein the operation causes a change in the operating file.

Atty. Docket No. 166.0001
Appl. No. 09/957,459

PATENT

16. (previously presented) An article of manufacture comprising a computer usable medium having computer readable program code for performing the method of claim 1.

17. (previously presented) A data transmission signal having computer readable program code for performing the method of claim 1.

18. (previously presented) An article of manufacture comprising a processor configured to perform the method of claim 1.

19. (cancelled)

20. (cancelled)

21. (cancelled)

22. (cancelled)

23. (cancelled)

24. (cancelled)

25. (cancelled)

26. (cancelled)

27. (cancelled)

28. (cancelled)

29. (cancelled)

Atty. Docket No. 166.0001
Appl. No. 09/957,459

PATENT

A/ 30. (cancelled)

31. (cancelled)

32. (cancelled)

33. (cancelled)

34. (currently amended) In a computing device, a method for archiving files comprising:

detecting an instruction from a resident program to perform an operation on an operating file;

creating an archive file from the operating file and storing the archive file in a first storage location temporally proximate to the operation being performed on the operating file and responsive to detecting the instruction;

searching the first storage location for the archive file responsive to the occurrence of a first event; and

moving the archive file from the first storage location to the second storage location responsive to a second event.

35. (previously presented) The method of claim 34 wherein storing the archive file includes storing the archive file prior to the operation being performed on the operating file.

36. (currently amended) The method of claim [[35]] 34 wherein storing the archive file includes storing the archive file prior to the operation being performed on the operating file and subsequent to the operation being performed on the archive file.

Atty. Docket No. 166.0001
Appl. No. 09/957,459

PATENT

A | 37. (previously presented) The method of claim 34 wherein storing the archive file includes storing the archive file subsequent to the operation being performed on the operating file.

38. (previously presented) The method of claim 34 wherein the first storage location includes a buffer.

39. (previously presented) The method of claim 34 wherein the first event includes a message from a timer.

40. (previously presented) The method of claim 34 wherein the first event includes a message from a program resident on the computing device.

41. (previously presented) The method of claim 34 wherein the second event includes a message from a timer.

42. (previously presented) The method of claim 34 wherein the second event includes a message indicating when the second storage location is available.

43. (previously presented) The method of claim 34 wherein the second storage location is an output buffer.

44. (previously presented) The method of claim 34 further comprising:
after capturing the files, updating a database to indicate that the detected files are located in the first storage location;
determining a destination for each of the detected files;
moving detected files from the first storage location to an intermediate storage location;
updating the database to indicate that the detected files are located in the intermediate storage location; and

Atty. Docket No. 166.0001
Appl. No. 09/957,459

PATENT

after moving the file to the second storage location, updating the database to indicate that the files are located in the second storage location.

45. (previously presented) The method of claim 44 wherein the second storage location includes a personal attached storage device.

46. (previously presented) The method of claim 44 wherein the second storage location includes a network attached storage device.

47. (previously presented) The method of claim 44 wherein the second storage location includes a peer-to-peer storage device.

48. (previously presented) The method of claim 44 wherein the second storage location includes an Internet storage area network.

49. (previously presented) An article of manufacture comprising a computer usable medium having computer readable program code for performing the method of claim 44.

50. (previously presented) A data transmission signal having computer readable program code for performing the method of claim 44.

51. (previously presented) An article of manufacture comprising a processor configured to perform the method of claim 44.

52. (new) The method of claim 2, wherein said capturing step occurs only if a match to a defined condition has been determined.

53. (new) The method of claim 52, wherein said defined condition includes at least one of determining whether the operating file has previously been archived and determining whether the operating file has been selected for protection.

Atty. Docket No. 166.0001
Appl. No. 09/957,459

PATENT

AB

54. (new) In a computing device, a method for archiving files, comprising:
detecting an instruction from a resident program to perform an operation on an
operating file; and
capturing the operating file just before or just after the operation being performed on
the operating file, responsive to the detection of the instruction.

55. (new) The method of claim 54, wherein said capturing occurs an instant
before or an instant after the operation is performed on the operating file.

56. (new) The method of claim 54, wherein the operating file is a system
file.

57. (new) The method of claim 54, wherein the operating file is a user file.